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BOROUGH OF DEAL

PUBLIC HEALTH DEPARTMENT

ANNUAL REPORT OF

THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1969

BOROUGH OF DEAL

PUBLIC HEALTH COMMITTEE

(To 1st June, 1969)

CHAIRMAN

Councillor T. Watford

VICE CHAIRMAN

Councillor F.G. Eckersley

MEMBERS

His Worship the Mayor Councillor John Blake

Alderman Mrs. E.K. Clarke
Councillor W.T. Bone
Councillor A. Gregory
Councillor W.B. Todman
Councillor J.A. Bell
Councillor J.W.P. Faint
Councillor V. Minter
Councillor Miss M. Webber
Councillor D.W. Yates-Mercer

(From 1st June, 1969)

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Councillor Mrs. J. White
Councillor W.T. Bone
Councillor V. Minter
Councillor T. Watford
Councillor R.A. Worth
Councillor D.W. Yates-Mercer

STAFF

Medical Officer of Health	Dr. C.F. Lynch, M.B., B.Ch., B.A.O., D.P.H. (Retired 28.2.69)
Medical Officer of Health	Dr. J.A. Byrne, M.B., B.Ch., B.A.O., D.P.H., D.T.M & H. (Appointed 1.3.69)
Deputy Medical Officer of Health	Dr. J.A. Byrne, M.B., B.Ch., B.A.O., D.P.H., D.T.M. & H.
Deputy Medical Officer of Health	Dr. J.Ll.T. Graham, L.R.C.P.I., L.R.C.S.I., L.M.(Appointed 2.6.69)
Senior Public Health Inspector	R.M. Borlase, M.A.P.H.I.
Additional Public Health Inspector	S.W. Swift, Cert. R.S.I. & S.I.E.J.B.
Technical Assistant	Mr. R.W. Weeden (Appointed 21.4.69)
Pupil Public Health Inspector	Mr. A. Milton
Clerk/typist	Miss J. Deller

To: The Mayor, Aldermen and Councillors of the Borough of Deal:

Ladies and Gentlemen,

I have the honour to present the Annual Report on the Health and Sanitary conditions of the Borough for the year ended 31st December, 1969.

Although purely local vital statistics and rates are of ever-decreasing significance they are quoted in the usual form in this Report together with those of the two previous years for comparative purposes.

Population:- There was a slight fall in the estimated mid-year population which refers to the home figures and as such includes members of the Armed Forces stationed in the area; the estimate of 27,130 was 60 below the figure for 1968.

Births:- Registered live births were 44 fewer than in the previous year and, while the national rate per 1,000 population fell by 0.6, the local rate fell by 1.8; illegitimacy was encouragingly less prevalent.

Deaths:- Deaths registered in 1969 totalled 381 representing an adjusted rate per 1,000 population of 11.9 which was in fact the rate also for England and Wales as a whole. Deaths attributed to cancer were twenty more than in 1968 and of this increased number twelve were of the respiratory system, giving a total for this site double that of the previous year. Eight infant deaths i.e. of children under one year of age were reported, the same number as in 1968; one, that of a ten months old boy, was due to enteritis, three were attributed to prematurity, one to respiratory causes, one to birth injury, one to appendicitis and one to accidental strangulation by a pram harness.

Stillbirths:- These numbered three more than in 1968; the rate per 1,000 births was 22 compared with the national rate of 13.

Notified disease for the second year running was remarkably low and it was pleasing to record the continued freedom from poliomyelitis and of course diphtheria; but their absence must not lead to complacency and it can only be emphasised that parents for the sake of their children and of the community at large should take every advantage of the facilities offered by the local health authority for protection against infectious disease.

New cases of tuberculosis were also gratifyingly low.

As to "sanitary conditions" I would refer you to the text of this Report covering the very many aspects of our preventive work which is in the hands of a small but efficient staff ably headed on the spot by the Senior Public Health Inspector: I am grateful to them all for their ready co-operation.

I also express appreciation to you, Mr. Mayor, Ladies and Gentlemen, and to the Chief Officers and members of the staffs of the other Departments of the Corporation for the support and co-operation you have given me in 1969.

I have the honour to be,

Your obedient servant,

J.A. BYRNE

J.A. Byrne

Medical Officer of Health

18th November, 1970.

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SECTION A - VITAL STATISTICS & SOCIAL CONDITIONS

Area	2,917 acres
Population estimated mid 1969	27,130
Population 1961 census	24,815
Estimated Product of Penny rate 1969/70	£3,380

Unemployment:

Mr. W.J. Short, Manager of the Deal Employment Exchange of the Department of Employment and Productivity, has kindly submitted the following comments on the local unemployment statistics and position during 1969.

"	Men:	Women:	Total:	
	479	55	534	(December statistics)

This is an increase of 64 over the comparable figure for the previous year.

It is difficult to exactly pin-point the reason for this melancholy state of affairs, but undoubtedly the joint effect of SET and the credit squeeze have been the main reasons for the rise in this area. For example the Building and Civil Engineering Industry now shows more unemployed, both skilled and unskilled, than at any time since the War.

Of the present men's register, some 200 odd are 50 and over, whilst 130 are 30 and under. The vast bulk of the men's register are again unskilled, whilst of the skilled some 120 are found to be Drivers, Clerks and Distributive workers. This again stresses the enormous re-employment problem in this area.

There are some 70 men and 7 women registered under the Disabled Persons Employment Acts. Over 60 men are unskilled and 48 are 55 and over.

Vacancies exist for the major portion of the year at the local colliery, and no difficulty is experienced in filling unskilled vacancies for surface workers.

Again no difficulty is experienced in filling vacancies for Factory workers - that is to say females - and for most of the year vacancies exist locally and of course at Richborough.

During the summer months seasonal vacancies arise both here and on the cross-Channel boats at Dover. It is possible to assist many of the unemployed to find suchlike jobs. Seasonal work in Hotels and Boarding Houses has fallen off, once again in my opinion due to the adverse effect of SET."

VITAL STATISTICS

(Compared with statistics for Years 1967 and 1968)

All rates shown for 1969 are calculated on the Registrar General's estimated mid-year population of 27,130.

Registered Live Births (Corrected for Inward and Outward Transfers)

			1967:	1968:	1969:
Legitimate	Male 181	Female 153	376	400	356
Illegitimate	Male 13	Female 9			

Live Birth Rate (per 1,000 of estimated population)
(Comparability Factor 1.13)

	1967:	1968:	1969:
Crude	14.04	14.71	13.1
Adjusted	15.87	16.62	14.8

Legitimate live births per 1,000 estimated population 12.3 (unadjusted)
Illegitimate live births per 1,000 estimated population 0.8 (unadjusted)

Vital Statistics (continued)	1967:	1968:	1969:
Stillbirths	8	5	8
Stillbirth Rate (per 1,000 live & still births)	20.08	12.34	22

Registered Deaths (corrected for Inward and Outward Transfers)

The figures relating to deaths used in the tables in this report are those compiled from the informatiom supplied by the local Registrar and adjusted for inward and outward transfers.

The number of deaths registered during 1969 totalled 322, outward transfers 33 and inward transfers 92 giving a net allocation of 381, a total three less than that of the Registrar General.

	1967:	1968:	1969:
	321	373	381
Males -	-		202
Females	-		179

Death Rate (per 1,000 estimated population):
(Comparability factor - 0.85)

	1967:	1968:	1969:
Crude	12.00	13.72	14.04
Adjusted	10.08	11.66	11.93

Death Rate of Infants under 1 year of age:

	1967:	1968:	1969:
All infants per 1,000 live births	18.62	20	22
Infant deaths - number	7	8	8

Specially Recorded Deaths:

Death from Cancer (all ages)	72	62	82

TABLE 1

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY FROM TUBERCULOSIS, CANCER AND MATERNAL CAUSES, IN THE YEAR 1969 COMPARED WITH FIGURES (PROVISIONALLY BASED ON QUARTERLY RETURNS) FOR ENGLAND AND WALES

	DEAL	ENGLAND & WALES
	Rates per 1,000 Population	
BIRTHS		
Live Births (adjusted)	14.8	16.3
DEATHS		
All causes (adjusted)	11.93	11.9
Tuberculosis (i) Respiratory	-	0.022
(ii) Other	0.04	0.015
Cancer (i) Lungs & Bronchus	0.88	0.610
(ii) Other	2.14	1.740
	Rates per 1,000 live and stillbirths	
STILLBIRTHS	22	13
	Rates per 1,000 related Live Births	
All causes under 1 year of age	22	18
MATERNAL MORTALITY	-	0.19

TABLE II

Causes of Death in 1969

A revised cause classification of deaths has been introduced by the Registrar General in the mortality statistics since 1968, following the production by the World Health Organisation of the eighth edition of the "Manual of the International Classification of Diseases, Injuries and Causes of Death".

Deaths are now classified under 65 headings in lieu of the 36 in use up to the year 1967 and I propose therefore the omit the age groupings included in this table in previous years and to substitute a selective table in respect of the principal fatal diseases and age groupings.

Cause of Death	Male	Female
Enteritis and other diarrhoeal diseases	1	-
Other Tuberculosis including late effects	1	-
Other infective and parasitic diseases	1	-
Malignant Neoplasm, Buccal Cavity	1	-
Malignant Neoplasm, Oesophagus	3	2
Malignant Neoplasm, Stomach	3	2
Malignant Neoplasm, Intestine	8	7
Malignant Neoplasm, Lung, Bronchus	19	5
Malignant Neoplasm, Breast	-	6
Malignant Neoplasm, Uterus	X	2
Malignant Neoplasm, Prostate	3	X
Leukaemia	-	2
Other Malignant Neoplasms	7	12
Diabetes Mellitus	-	3
Mental Disorders	-	1
Other Diseases of the Nervous System	1	2
Chronic Rheumatic Heart Disease	-	1
Hypertensive Disease	3	3
Ischaemic Heart Disease	51	35
Other forms of Heart Disease	7	8
Cerebrovascular Disease	25	26
Other Diseases of the Circulatory System	11	14
Influenza	5	1
Pneumonia	8	15
Bronchitis and Emphysema	24	2
Asthma	-	3
Other Diseases of Respiratory System	5	5

/ cont.

	Male:	Female:
Peptic Ulcer	3	-
Appendicitis	-	1
Cirrhosis of Liver	2	-
Other Diseases of Digestive System	-	2
Nephritis and Nephrosis	1	3
Other Diseases, Genito-Urinary System	2	1
Diseases of Musculo-Skeletal System	1	2
Birth Injury, Difficult Labour	1	-
Other Causes of Perinatal Mortality	1	2
Symptoms and ill-defined Conditions	1	7
All other accidents	2	3
All other external causes	1	1
TOTAL	202	179

TABLE III

Age Groupings of Deaths

	Males	Females
Under 4 weeks	2	2
4 weeks and under 1 year	2	2
1 - 4 years	1	-
5 - 14 years	1	-
15 - 24 years	-	-
25 - 34 years	1	1
35 - 44 years	3	1
45 - 54 years	9	7
55 - 64 years	25	11
65 - 74 years	73	46
75 years and over	85	109
Total	202	179

TABLE IV

Age Groupings of Principal Causes of Death

	25-34 years		35-44 years		45-54 years		55-64 years		65-74 years		75 yrs over		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Malignant Neoplasm Stomach	-	-	-	-	-	-	-	-	3	2	-	-	3	2
Malignant Neoplasm Lung and Bronchus	-	-	-	-	1	-	5	1	11	3	2	1	19	5
Malignant Neoplasm Breast	-	-	-	-	-	3	-	-	-	1	-	2	-	6
Malignant Neoplasm Uterus	X	-	X	-	X	-	X	-	X	1	X	1	X	2
Leukaemia	-	-	-	-	-	1	-	-	-	1	-	-	-	2
Other Malignant Neoplasms etc.	-	1	2	-	2	2	3	3	6	4	9	11	22	21
Chronic Rheumatic Heart Disease	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Hypertensive Disease	-	-	-	-	-	-	1	-	-	-	2	3	3	3
Ischaemic Heart Disease	-	-	-	-	2	1	8	1	20	12	21	21	51	35
Other forms of Heart Disease	-	-	-	-	-	-	-	-	4	1	3	7	7	8
Cerebro-vascular Disease	-	-	-	-	2	-	1	1	9	8	13	17	25	26
Diseases of Respiratory System *	-	-	-	1	2	-	5	3	12	4	22	18	41	26

* Death of one male under one year of age also assigned to this cause.

SECTION B - GENERAL PROVISIONS OF HEALTH SERVICES

NOTE: The figures quoted in relation to the services administered by the Kent County Council are included by courtesy of the County Medical Officer.

1. Laboratory Facilities:

Facilities for the bacteriological, biological and biochemical examination of specimens are available at the Public Health Laboratory, Preston Hall, British Legion Village, Maidstone, and I am indebted to Dr. A.L. Furniss, Director, for the services rendered during the year.

2. AMBULANCE SERVICE:

The following are the details of the service provided by the Deal Station during 1969:-

Total Number of Patients	23,415	(25,961)
Total Number of Journeys	6,115	(5,946)
Total mileage	120,947	(122,873)

(1968 figures are in brackets)

3. Midwifery and Home Nursing Service:

These services are administered by the County Medical Officer and the following figures are in regard to the year's work:-

(a) County Midwifery Service:

Number of Midwives	=	5
Number of births attended	=	146

(b) County Home Nursing Service:

Number of Home Nurses	=	5 (plus 1 part-time)
Number of patients attended	=	401
Number of attendances (including casual visits)	=	14,018

4. Hospital Facilities:

The Victoria Hospital, Deal, under the administration of the South East Metropolitan Regional Hospital Board, makes provision for medical and surgical cases, while maternity and infectious cases (excepting smallpox) are provided for at Buckland Hospital and the Infectious Diseases Hospital, Dover, respectively. Any smallpox cases would be referred to River Hospital (Long Reach) Dartford, Kent.

5. Nursing Home Registrations - Public Health Act, 1936:

The registration of Nursing Homes in the Borough is the responsibility of the County Authority. There are six Nursing Homes in Deal.

6. Clinics and Welfare:

The Kent County Council, as the local Health and Education Authority, have the responsibility for the provision of maternity and child welfare clinics, immunisation and vaccination sessions, also school clinics for minor ailments, dental and ophthalmic services, child guidance and speech therapy.

Out-patients' clinics in all specialities are provided by the Regional Hospital Board at the Victoria Hospital, Deal.

7. Swimming Pools:

School Swimming Pools:

Walmer Secondary school has a heated open air pool of 60,000 gallons with a continuous chlorination and filtration plant.

Three county junior schools operate raised portable teaching pools. These have continuous filtration plants and one is also equipped for continuous chlorination. Hand chlorination is practised at the other two pools.

One private school operates a fill and empty pool. Hand chlorination is practised, giving a reasonably satisfactory water and the pool is refilled at intervals of about 10 days under condition of maximum load.

Paddling Pool, Walmer Green:

This is a public pool of 10,000 gallons restricted to young children. It has a continuous chlorination and filtration plant giving a two hourly turnover period. It is, however, found necessary to empty and refill fairly frequently. Weekly changes are necessary during periods of heavy load.

Purification Control:

Regular visits are made to all these pools in order to check water condition. Bacteriological samples are periodically taken and six such samples were taken from various pools. Following four of these samples adjustments were found necessary to the treatment methods.

8. National Assistance Acts 1948 and 1951:

Burials:

One burial under Section 50 of the Act took place during the year.

Tenders were, as usual, invited from local undertakers and a contract entered into for a 12 month period.

Persons in Need of Care and Attention:

Action was taken to secure the removal to hospital under the emergency powers of the 1951 Act of a 91 year old woman who in the certificate of her general practitioner was suffering "from grave chronic disease, an invasive cancer of the left chest wall and an ulcerated leg."

61 visits and re-visits were made in connection with elderly persons. Much work is done by voluntary bodies on behalf of elderly persons and the Deal and District Old Peoples Welfare Council acts as a co-ordinating body in this field.

9. Local Government Superannuation Acts - Medical Examinations:

During 1969, a total of 32 medical examinations was undertaken by the Medical Officer of Health of persons entering the Authority's employment.

SECTION C - SANITARY CIRCUMSTANCES OF THE AREA

Water Supply:

As previously reported, the Thanet Water Board is now in control of the mains water distribution in the Borough where all but thirteen dwelling houses are now supplied; these exceptions have well supplies.

The Thanet Water Board carries out a very comprehensive sampling routine for the bacteriological and chemical analysis of the supplies at the Pumping Station before and after chlorination while regular bacteriological sampling of the piped supplies as delivered to dwelling houses is undertaken by the Public Health Inspectors; the results of all sampling in 1969 were of a high level generally and were indicative of a pure and wholesome public water supply.

The following are typical copy reports on the chemical examinations:-

	St. Richards Road Pumping Station (Raw)	Martin Pumping Station (Raw)
Appearance	Clear and Bright	Clear and Bright
Colour	Nil	Nil
Odour	Nil	Nil
Electric Conductivity	570	560
pH Value	7.2	7.2
Chlorine present as Chloride ...	41 p.p.m.	33 p.p.m.
Nitrate Nitrogen	8.3 p.p.m.	9.0 p.p.m.
Nitrite Nitrogen	Absent	Absent
Ammonia free	0.00 p.p.m.	0.00 p.p.m.
Ammonia albuminoid	0.00 p.p.m.	0.00
Oxygen absorbed	0.10 p.p.m.	0.00 p.p.m.
Hardness - Total	275	280
Permanent	50	45
Temporary	225	235
Alkalinity as Ca. Co3	225	235
Free Carbon Dioxide	30	30
Iron and other metals	Absent	Absent

"Both waters are clear and bright in appearance, neutral in reaction and free from iron and other metals. The waters are hard in character but not to an excessive degree; they contain no excess of mineral constituents and they are of very satisfactory organic quality".

The natural fluoride content of these waters remained less than 0.1 parts per million.

Mains extensions totalling 289 yards of 4" main and 230 yards of 3" main were laid by the Board during the year.

Eleven samples of well water from the Ellens Road supplies were submitted during the year and five were reported unsatisfactory: the continued use of this water for domestic purposes necessitates precautionary sterilisation measures. One other sample of well water from the supply to the Chalkpit Cottages, Beaconhill, was reported to be satisfactory.

Drainage and Sewerage:

Messrs. G.B. Kershaw and Kaufman, Chartered Civil Engineers and the Borough's Consulting Engineers for the re-modelling of the sewerage system have kindly supplied the following note on the completion of the contract.

"The four Contracts, into which the major sewerage works for the relief of flooding and improvement of the foul and surface water drainage in the Borough were divided, have now been completed and the last section has been handed over for maintenance by the Officers of the Corporation.

During April the Highways and Works Committee, under the Chairmanship of Alderman A.E.M. Cavell, with representatives of the Consulting Engineers and Borough Engineer's Department, inspected the works throughout the full length, from Granville Road in the south to North Deal Pumping Station, Golf Road, in the north.

His Worship the Mayor arranged an Open Day on Friday, April 25th, during which he performed the official Opening Ceremony at the three major Pumping Stations, namely Walmer, Ark Lane and North Deal. The Stations were open for inspection by the Public during the day and Engineers were present to explain the significance of each of the Stations and the operation as it affects the foul and surface water drainage of the Borough.

During the construction of a link relief sewer in the centre of the Town, the condition of the very old trunk sewer in Victoria Road was noted and reported on by the Consulting Engineers, who have now been instructed to arrange for cleansing and repair. It is intended that this work shall be carried out by specialist contractors almost entirely at night, so that interference with normal activities will be minimised."

The following show figures for the drainage work carried out during 1969 and the figures for 1968 are shown for comparison.

	1969:	1968:
Visits and re-visits	582	318
Blocked drains cleared	325	291
Drains reconstructed or repaired	15	13
Drains inspected and tested	20	14
Inspection chambers repaired	9	9
Vent pipes repaired/renewed	2	2
Cesspools abolished	-	3
Gutter provided	-	2

Rivers and Streams:

Dykes and ponds are treated with anti-mosquitoe capsules in the spring or early summer, in order to keep breeding grounds to a minimum.

Public Cleansing:

The collection and disposal of refuse by means of controlled tipping is carried out under the direction of the Borough Engineer and Surveyor. The Public Health Department co-operates in the prevention of nuisance and the replacement of dustbins. The Refuse Collectors refer cases of worn out dustbins to the Department for service of notices. Two dustbins were renewed by this means during 1969.

Offensive Trades:

The premises of three Rag and Bone Dealers are approved by the Council. No significant Public Health nuisances have been experienced during they year under review.

Pet Animals' Act, 1951:

Three premises are licensed as Pet Shops under this Act. Licences are issued subject to the conditions recommended by the R.S.P.C.A., and the premises are inspected jointly by the Department and the local R.S.P.C.A. Inspector.

Steam Disinfector:

The following figures show the use of the steam disinfector during 1969. Figures for the previous year are shown for comparison.

	1969:	1968:
Times used	17	12
Cases concerned	17	12
Bed Bugs	-	-
Fleas	-	-
Scabies	1	-
Infectious Disease	13	12
Other Causes	3	-
	17	12

In addition the Department arranged and carried out the following disinfections:-

	1969:	1968:
Houses	4	18
Number of Rooms	5	29
Hospitals & Nursing Homes	2	1
Police Cells	-	-

FACTORIES ACT, 1961:

1. Inspections for purposes of provisions as to health

Premises	Number on Register	Number of Inspections	Number of Written Notices	Number of Occupiers Prosecuted
1. Factories in which Sections 1 - 6 are to be enforced by Local Authority	7	-	-	-
2. Factories not included above in which section 7 is enforced by L.A.	63	16	2	-
3 Other premises in which section 7 is enforced by L.A. (excluding out-workers' premises)	5	2	-	-
TOTAL	75	18	2	-

FACTORIES ACT, 1961: (cont.)

2. Cases in which defects were found.

Particulars	Number of cases in which defects were found				
	Found	Remedied	Referred to H.M. Insp.	By H.M. Insp.	Number of cases in which prosecution was instituted
Want of cleanliness	-	-	-	-	-
Overcrowding	-	-	-	-	-
Reasonable Temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of Floors	-	-	-	-	-
Sanitary Conveniences					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	2	2	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork).	-	-	-	-	-
TOTAL	2	2	-	-	-

3. Outworkers:

17 outworkers were engaged in the manufacture of wearing apparel. No contraventions were noted.

RODENT CONTROL:

A. Routine Work:

The following shows the routine work on the surface which was carried out during 1969.

		TYPE OF PROPERTY	
		NON-AGRICULTURAL	AGRICULTURAL
1.	Number of properties in the district	10,699	25
2	(a) Total number of properties (including nearby premises) inspected following notification	245	3
	(b) Number infested by (i) Rats	199	3
	(ii) Mice	22	--
3. (a)	Total number of properties inspected for rats and/or mice for reasons other than notification	1	-
	(b) Number infested by (i) Rats	1	-
	(ii) Mice	-	-

Total number of visits made by the Rodent Operator = 1,862

In addition, free bait and advice was given in cases of infestations by mice at 61 private houses.

B. Sewer Treatment:

The following shows the number of manholes found to be infested with rats during the test baiting in 1969:-

Area:	No. of manholes in Area	No. of manholes baited	No. of manholes infested
Lower Deal	82	12	1
Central Deal	87	13	1
Middle Deal	111	11	-
Mill Hill	112	8	-
Lower Walmer	118	9	-
Upper Walmer	117	10	-
Mongeham	68	6	-
	695	69	2

B. Sewer Treatment (Continued):-

A maintenance treatment was carried out in December, when 28 manholes were baited. 13 of these showed signs of infestation and these were baited to extinction.

The level of infestation remains low and is mainly confined to the oldest sewers. In these areas there are, almost certainly, a number of disused drains which provide ideal harbourage. Present practice ensures that such drains serving buildings to be demolished are disconnected from the main system. Spasmodic infestations in other areas can often be associated with building operations where the drains are left open temporarily.

MOVEABLE DWELLINGS:

A. Camping Sites:

The Hawkshill Camp for London Boys continues to operate a Camping Site Licence issued under Section 269 of the Public Health Act, 1936. This Camp provides accommodation for:-

1. The Jewish Lads' Brigade Annual Camp in a field set aside for the purpose.
2. London Boys in a second field.
3. Youth Organisations of various categories, who camp in the field in groups.
4. Tourist Tent Campers on a smaller area set aside for the purpose.

A fourth field is utilised for caravans under the auspices of the Caravan Club and enjoys exemption from Licensing requirements.

The site is adequately served by mains water points, refuse bins, cesspool drainage and flush closets. Rubbish is partly incinerated and partly collected by the Council. The London Boys have ablution facilities, a central kitchen and a Tuck Shop.

B. Individual Caravans:

No licences were approved for the use of trailer caravans during the year 1969, but several were in use in connection with building and engineering operations in the district. No nuisances were observed.

VERMINOUS AND FILTHY HOUSES AND PREMISES:

A. Verminous Premises:

The following figures show the number of disinfestations carried out during 1969.

	Council Houses:	Non-Council Houses:	Other Premises:
Cockroaches	12	145	32
Bed bugs	-	-	-
Woodworm	1	13	3
Fleas	4	2	-
Wasps'nests	6	38	-
Flies	3	8	-
Ants	-	7	4
Moths	-	-	-
Other disinfestations	-	11	-

The total number of treatments in 1969 = 313
The total number of treatments in 1968 = 140

Cockroaches:

The Council's policy of providing treatments without cost to private houses, which commenced in 1967, continued throughout 1969. When a complaint is received concernning a terraced or semi-detached house treatments are carried out simultaneously on the attached properties, where this can be arranged and further treatments are carried out after an interval of six weeks, in order to achieve maximum effect.

B. Dirty Houses:

16 visits and re-visits were made to various dirty houses. In such cases improvements are only temporary and constant supervision is needed to prevent deterioration.

DEALERS IN OLD METAL:

Six premises are registered under the Scrap Metal Dealers' Act, 1964.

RAG FLOCK AND OTHER FILLING MATERIALS ACT:

There is one premises registered under this Act.

HAIRDRESSERS AND BARBERS:

There are 37 hairdressers and barbers in the area. No formal action was required under the Bye-law under Section 77 of the Public Health Act, 1961 during the year under review.

CLEAN AIR ACT:

17 complaints were received and 31 visits made in relation to smoke and dust nuisances. Improvements were secured by informal action.

NOISE ABATEMENT ACT:

13 complaints were received and 62 visits and re-visits made in relation to them. In all cases informal approaches succeeded in achieving either complete elimination or some reduction of the noise levels although, in the latter case not always to the complete satisfaction of the complainants. A list of the type of noise nuisances dealt with follows.

1. Noise from wood sawing.
2. Noise from prayer meetings.
3. Refrigeration motor noise.
4. Night operations at Garage.
5. ditto
6. "Pop Group" meetings at a Parish Hall.
7. Noise from Grain Dryer.
8. Maintenance Works at Railway Yard.
9. Noise from refrigeration motor.
10. Late customers at Fish and Chip shop.
11. Refrigeration motor noise.
12. ditto.
13. Noise from work at Wood Yard.

CONSUMER PROTECTION ACT, HEATING APPLIANCES:

All vendors of heating appliances have had their attention drawn to the safety regulations relating to electric, gas and oil heaters. Testing equipment is held in the Public Health Department.

AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISION) ACT, 1956:

No action was necessary under this Act during 1969.

DISEASES OF ANIMALS (WASTE FOOD ORDER), 1957:

No new registrations were made during 1969.

One Piggery is licensed under this Order to operate a swill boiling plant.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963:

The following information is submitted:-

A. General Inspection and Registration:

Class of Premises:	Number Registered during the year	Number Registered at end of the year	Number receiving General Inspection
Offices	1	55	34
Retail Shops	-	186	66
Wholesale Shops & Warehouses	-	1	1
Catering Establishments & Canteens	2	34	6
Fuel Storage Depots	-	-	-
	3	276	107

B. Number of visits of all kinds by Inspectors to registered premises = 182

C. Analysis of persons employed in workplaces:

Class of Workplace:	Number of Persons Employed:
Offices	254
Retail Shops	840
Wholesale Shops & Warehouses	16
Catering Establishments	218
Canteens	4
Fuel Storage Depots	-

Total = 1,332 Males = 464 Females = 868

No exemptions were granted and no prosecutions were taken during 1969.

The following contraventions shown here were found and dealt with by informal action in 1969.

Cleanliness	44
Overcrowding	-
Temperature	1
Ventilation	6
Lighting	20
Sanitary Accommodation	5
Washing facilities	16
Drinking water	-
Accommodation for Clothing	-
Sitting facilities	-
Floors, passages and stairs defects	120
First Aid provision	47
Thermometer) Abstract) Safety Provisions)	106

SECTION "C" TABLE OF WORKS OF PUBLIC HEALTH INSPECTORS:

	INSPECTIONS:	RE-VISITS:	TOTALS: 1969:	TOTALS: 1968:
Housing Inspections	144	145	289	284
Houses in Multiple Occupation	6	-	6	1
Improvement Grants	66	29	95	54
Re-housing Investigations	11	2	13	30
Water Supply	24	10	34	22
Drainage	302	280	582	318
Cesspools	2	8	10	5
Animal Keeping or Waste Food Order	7	4	11	22
Offensive Trades	-	-	-	6
Tents, Vans & Sheds etc.	9	2	11	6
Factories with power	11	5	16	17
Factories without power	-	-	-	1
Factories (other)	2	-	2	6
Workplaces	-	-	-	-
Outworkers	-	-	-	1
Public Conveniences	13	-	13	8
Theatres	-	-	-	3
Licensed Premises	6	1	7	-
Provision of Dustbins	11	-	11	7
Offensive Accumulation	72	37	109	64
Common Courts & Passages	8	1	9	8
Refuse Tips	5	1	6	8
Rats & Mice	110	88	198	228
Dust & Smoke Nuisances	23	8	31	16
Verminous Premises	32	6	38	48
Dirty Houses	10	6	16	20
Elderly Persons	33	28	61	46
Infectious Diseases	59	18	77	91
Food Poisoning	1	2	3	11
Hairdressers	2	-	2	5
Ponds & Ditches	2	2	4	5
Mosquitoes	1	-	1	1
Meat Shops & Stores	9	1	10	14
Fishmongers & Poulterers	11	1	12	6
Grocers, etc.	33	9	42	69
Greengrocers & Fruiterers	5	-	5	19
Dairies & Milk Shops	11	-	11	11
Fried Fish Shops	3	1	4	4
Ice Cream Premises	10	1	11	17
Preserved Food Premises	1	-	1	1
Stalls, barrows etc.	19	-	19	43
Caterers & Boarding Houses	70	14	84	47
Shops Act	1	-	1	2
Pet Shops	2	-	2	2
Noise Nuisances	29	33	62	29
Offices & Shops	140	32	172	43
Heating Appliances	-	-	-	1
Bakehouses	5	2	7	11
Visits re. unsound food	103	5	108	65
Sampling visits	91	2	93	83
National Assistance Burials	1	1	2	-
Swimming Pools	26	-	26	25
Miscellaneous Visits	316	14	330	291
Flooding	63	15	78	28
Wasps	41	1	42	10
Woodworm	26	4	30	16
Mortuary	-	-	-	-
Rag Flock	-	-	-	-
TOTALS	1,988	819	2,807	2,199

Total of visits and inspections	1968:	1969:
Visits of Public Health Inspectors	2,173	2,805
Visits of Rodent Operator	1,150	2,585
	3,323	5,390

Summary of Complaint Book - 1969

	1969:	1968:
Rats and Mice	255	223
Blocked Drains	345	327
Housing Defects	85	103
Re-housing & Overcrowding	15	9
Miscellaneous	41	89
Food	121	88
Rubbish	66	47
Cockroaches	37	46
Fleas	30	12
Other Insects	81	58
Infectious Disease Sprays	4	7
Bedding Removal (Disinfection)	15	13
Woodworm	23	12
Dirty Houses	8	4
Animal Nuisances	18	21
Dust Nuisances	3	1
Smoke Nuisances	14	3
Noise Nuisances	13	9
General Nuisances	41	11
Flooding	27	8
	1,242	1,094

HOUSING:

The Borough Engineer and Surveyor informs me that during 1969 the following new housing units were completed:-

By Private Enterprise:

2 Bedroom units	-	16
3 Bedroom units	-	65
4 Bedroom units	-	2
2 Bedroom flats	-	18

Under construction at 31st December, 1969 = 55.

By Local Authority:

No properties were commenced or completed during the year.

The Housing Act, 1969, which received Royal Assent during the year, was designed and introduced to accelerate the updating of much of the country's housing stock. It attempts to do this by considerable increases in the grants available for work of improvement, by widening their scope to include certain works of repair and by relaxing some of the conditions

attached to such grants.

The Act also repeals the compulsory improvement area provisions of the 1964 Act, which had not proved as effective as had been hoped in this respect and it substitutes new proposals based on encouragement and persuasion of house owners and occupiers and making provision for environmental improvement. Other parts of the Act deal with increases in payments for unfit houses, certain changes in the law dealing with unfit houses and completly new provisions enabling landlords of dwellings subject to a controlled tenancy and which are in good repair and provided with the standard amenities to apply for a "Qualification Certificate". The tenancy then becomes a regulated one subject to the determination of a fair rent by the Rent Officer.

Only one such application was dealt with during 1969, but when the effect of this part of the Act becomes more apparent it should lead to an overall increase in the standard of maintenance of tenanted properties.

Undertakings as to future use in lieu of Closing Orders were accepted on the following properties, following representations by the Medical Officer of Health.

42, Duke Street.

234, Church Path.

236, Church Path.

133, West Street.

The following Table shows the work carried out during 1969. The figures for 1968 are shown for comparison:-

		1968:	1969:
Inspection of dwelling houses during the year.			
1. (a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Act)	105	144
(b)	Number of inspections made for that purpose	284	289
2. (a)	Number of dwelling houses included under sub. section (1) above which were inspected and recorded under the Housing Consolidation Regulations 1925	77	103
	Number of inspections made for that purpose	77	103
3.	Number of dwelling houses found to be in a state so injurious to health as to be unfit for human habitation	4	3

		1968:	1969:
4.	Number of dwelling houses (exclusive of those referred to under the preceding sub. head) found not to be in all respects reasonably fit for habitation	49	25

Remedy of Defects during the year without service of formal notice:

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers	47	49

Action under Statutory Powers during year:

A. Proceedings under Section 9, 10 and 12 of the Housing Act, 1957:

(a) Number of dwelling houses in respect of which notices were served requiring repairs	-	-
(b) Number of dwelling houses which were rendered fit after service of formal notice -		
(1) By owner	-	-
(2) By Local Authority	-	-

B. Proceedings under Public Health Acts:

(a) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	1	17
(b) Number of dwelling houses in which defects were remedied after service of formal notice	-	3
(c) Number of houses in which defects were remedied (other than unfit houses made fit) after formal notice	-	10

C. Proceedings under Section 16 and 17 of the Housing Act, 1957:

(a) Number of dwelling houses in respect of which demolition orders were made	-	-
(b) Number of dwelling houses in respect of which Closing Orders were made	-	-
Number of dwelling houses in respect of which an Undertaking was accepted as to future user	-	4
(c) Number of dwelling houses demolished in persuance of demolition orders	-	1
(d) Number of dwelling houses in respect of which an undertaking was cancelled the dwelling having been rendered fit	-	3

D. Proceedings under Section 18 of the Housing Act, 1957:

	1968:	1969:
(a) Number of separate tenements or underground rooms in respect of which closing orders were made	-	-
(b) Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or rooms having been rendered fit	-	-
(c) Number of separate tenements or rooms in respect of which undertakings to repair were accepted	1	-

No applications for certificates of repair were received in respect of controlled tenancies during 1969.

HOUSING:

A SELECTION OF HOUSING DEFECTS REMEDIED

	1969:	1968:
Lighting improved	1	2
Roofs repaired/renewed	5	18
Walls (external) repointed etc.	5	10
Floors repaired/renewed	1	9
Wall plaster repaired	6	9
Ceiling plaster repaired	1	3
Windows repaired/renewed	9	9
Fireplaces repaired/renewed	1	5
Cooking ranges repaired/renewed	1	-
Sinks provided	-	-
Sinks repaired/renewed	-	2
Waste pipes repaired/renewed	3	-
Interior water supply provided	-	-
Repairs to water supply	2	3
Downspouts repaired/renewed	3	8
Gutterings repaired/renewed	4	7
Food stores repaired or provided	-	-
Sash cords provided	-	5
Handrails fixed on stairs	-	-
Stairs repaired/renewed	1	1
Doors repaired/renewed	2	4
Woodwork re-painted	-	1
Chimneys and Stacks repaired	2	8
Yards, passages repaired/paved	-	1
Dampness abated	15	26
Additional Ventilation	-	-
Rooms cleansed and re-decorated	-	-
Water Closets provided	-	-
Water Closets renewed	-	2
Water Closet Compartments repaired	-	2
Water Closet cisterns repaired/renewed	6	10
Water Closets provided with Water	-	-
Box seats abolished	-	1
Pail closets abolished	-	-

SECTION E

MILK SUPPLY:

11 inspections were made during 1969 to Dairies and shops. 47 firms are now registered for the distribution of milk from 53 premises. There are three premises within the Borough registered as Dairies.

Licenses under the Milk (Special Designation) Regulations are issued by the Kent County Council for periods of five years.

The following samples of milk and cream were taken during 1969.

	Number of Samples	Failed Turbidity Test	Failed Methylene Blue Test	Failed Phosphatase Test
Pasteurised	26	-	6 void	-
Sterilised	-	-	-	-
U.H.T.	-	-	-	-
Cream	1		decolourised in $2\frac{1}{2}$ hrs.	-

ICE CREAM:

Five shops were registered for the sale of ice cream during 1969.

There are 114 premises registered for the sale of ice cream only and 3 for the manufacture and sale of ice cream.

32 samples were submitted to the Public Health Laboratory with the following results:-

Methylene Blue Test:	Heat Treated:	Cold Mix:	
Grade I	27	1	Satisfactory
Grade II	1	-	
Grade III	-	-	
Grade IV	-	-	
3 void			

PRESERVED FOOD PREMISES:

31 premises are registered for the manufacture and sale of preserved food. These are mainly butchers' premises manufacturing sausages and a number of grocers' shops registered for the boiling of hams. There are three premises which concentrate on the production of cooked meat and pies. Satisfactory food hygiene standards are observed.

Food Premises:

213 visits and re-visits were made to food premises and the following table shows the improvements secured during the year:-

	1969:	1968:
Walls repaired	-	1
Ceilings repaired	-	2
Floors repaired	-	5
Windows repaired	-	1
Doors repaired	-	-
Cleansed/redecorated	9	8
Ventilation improved	4	7

Food Premises (cont.)	1969:	1968:
Refuse removed	-	1
Sinks provided/repaired	-	1
First Aid Kit provided	2	1
Fixed wash hand basin provided/repaired	4	1
Soap, towel, nailbrush etc. provided	3	1
Cold water provided	-	-
Hot water provided	-	-
Equipment cleaned	-	2
Use of room prohibited	-	-
Sanitary accommodation re-arranged	-	-
Lighting improved	-	1
Staff room or lockers provided	-	-
Room rat proofed	1	-
Food Vehicles etc:		
Vans etc. cleansed	-	-
Vans etc. repaired	-	-
Vans etc. provided with hot water	3	5
Soap, towel etc. provided	1	4
Sinks etc. provided	-	-
Names & Addresses exhibited	3	1
Screening provided.	1	-

Food premises are inspected under the Food Hygiene Regulations and during the year of 1959 a method of classification was formed as follows:-

A. Complying fully with Regulations
B. Require improvement to qualify for "A"
C. Require close supervision for cleanliness

The position at the end of 1969 is shown with that of the previous year (1968) for comparison.

	1969:	1968:
A.	345	347
B.	77	93
C.	5	4

The food premises in the area are in the following categories (primary use

	1968:	1969:
Bread and Cake shops	12	10
Ice Cream Manufacturers	3	3
Bakehouses	5	5
Dairies	2	2
Mobile Vans etc.	46	48
School kitchens, staff canteens and Nursing Homes etc.	41	37
Minoral Water Depot	1	1
Chemists	8	7
Cinemas and Dance Halls	6	6
Fishmongers and Fried Fish shops	14	14
Licensed Premises	60	67
Clubs	19	20
Butchers	17	16
Cafes etc.	30	29
Confectioners	30	26
Greengrocers	22	20
Boarding Houses etc.	55	57
Grocers	73	62
	444	427

UNSOUND FOOD:

108 visits were made in connection with food inspection and the amount of food condemned was:-

	Tons:	Cwts:	lbs:	ozs.
Fresh meat				
(a) Carcase meat	1	0	109	1
(b) Offal			60	0
Cooked meat and Meat Products	2	2	16	0
Canned Meat		5	85	8½
Other Canned Foods	1	6	5	12½
Fish (wet)		5	78	8
Fruit and Vegetables (unfrozen)			NIL	
Frozen Foods		4	19	1½
Other Foods			33	8
	5	5	71	7½

Condemned food is disposed of by deep cover at the Council's Refuse Tip. The following cases were reported to the Public Health Committee during 1969.

		FINE:	COSTS:
1.	Matchstick in "Hufkin"	£20	£10.10.0
2.	Mould in Cottage Cheese	£20	£10.10.0
3.	Metal bell in pint of milk	NO ACTION	
4.	Mould in packed portions of Cheddar Cheese	£20	£13.0.0.
5.	Corned Beef. Hole in tin and stained label	WARNING LETTER	
6.	Part of an insect in tinned Pears	WARNING LETTER	
7.	Mould in Pork Pie	Prosecution resolved, but no action at request of complainant.	
8.	Mould on jam	£25	£33.0.0

9 other consumer complaints concerning food were made to the Department where there was either insufficient evidence, or the complainant was not prepared to support legal proceedings. In such cases the matter is dealt with by informal approaches to the Retailer or manufacturer.

FOOD POISONING:

One single incident only came to light during the year; this concerned a nineteen year old male notified as suffering from food poisoning due to a salmonella infection.

The salmonella was later identified as s. abortus bovis, but the infective agent was not determined due to the time lag between onset and confirmation of the disease.

SECTION F - PREVALENCE AND CONTROL OF INFECTIOUS DISEASE.

1. Infectious and other notifiable diseases (excluding Tuberculosis and Food Poisoning) notified in 1969 by Age Groups - Corrected.

	MEASLES	DYSENTERY	SCARLET FEVER	ACUTE MENINGITIS	WHOOPING COUGH	INFECTIVE JAUNDICE
Under 5 years	32	14	7	-	2	1
5 - 14 years	7	2	15	-	-	5
15 - 24 years	-	1	-	-	-	2
25 and over	-	-	-	1	-	4
Age unknown	-	1	-	-	-	-
TOTALS	39	18	22	1	2	12

No notifiable disease was epidemic during the year. Eleven of the cases of dysentery were notified from an institutional establishment, bacteriological confirmation of the disease being received. The scarlet fever patients were mainly of school age, the disease being of a mild nature only.

2. Tuberculosis:

New cases of tuberculosis notified during 1969 were as follows:-

	Pulmonary		Non-pulmonary	
	Male:	Female:	Male:	Female:
1969	1	1	-	1
(all of these patients were over 60 years of age)				
1968	4	2	-	1

Annual Statement (compiled from Quarterly Return)

	Pulmonary		Non-pulmonary	
	Male:	Female:	Male:	Female:
(a) Number of cases of Tuberculosis on Register as at 1st. January 1969	16	11	2	2
(b) Number of cases notified under Regulations of 1952 for first time during year	1	1	-	1
(c) Other additions to the Register	-	1	-	-
(d) Cases removed from Register during the year, including recoveries or deaths (excluding deaths of un-notified cases)	5	-	1	1
(e) Cases on Register at the end of 1969.	12	13	1	2

The names of seven patients were removed from the Register during the year, five being reported recovered, one having removed from the area and one having died; the latter was a pulmonary infection but the cause of death was not directly attributable to this infection.

One 80 year old lady who died from Bronchopneumonia was also certified as suffering from unnotified tuberculosis of the spine.

3. Immunisation and Vaccination:

The schemes for Whooping Cough and Diphtheria Immunisation and Smallpox and Poliomyelitis Vaccination were continued under the administration of the Kent County Council and the following statistics for 1969 are made available by the courtesy of the County Medical Officer.

(a) Whooping Cough Immunisation:

127 children received primary whooping cough immunisation and 262 reinforcing injections.

(b) Diphtheria Immunisation:

Number of children resident in the Borough of Deal who received -

(a) Primary Inoculations 133
(b) Reinforcing Inoculations 517

(c) Smallpox Vaccination:

In view of the amendment of the County Council's proposals under Section 26 of the National Health Service Act, 1946, regarding records of vaccination against smallpox, the following is the sole information now available:-

Primary Vaccination 1 Year	Re-vaccination
192	6

(d) Poliomyelitis Vaccination:

Vaccination figures for 1969 based on the returns submitted to the Department of Health and Social Security:-

Year of Birth	Primary	Reinforcing
1969	8	-
1968	199	-
1967	23	-
1966	10	-
1965	4	45
1962 - 1964	-	365
1953 - 1961	-	31
Totals	244	441

(c) Measles:

329 children received measles vaccination during the year.

SECTION G - METEOROLOGICAL CONDITIONS

MONTH	RAINFALL INS.	TEMPERATURE		SUNSHINE HOURS *
		MEAN °C MAXIMUM °F	MEAN °C MINIMUM °F	
January	2.36	8.1 46.6.	5.2 41.4	40.8
February	2.71	4.2 39.6	0.2 32.4	Not Available
March	2.09	6.5 43.7	3.3 37.9	82.3
April	1.17	11.5 52.70	5.1 41.18	215.0
May	3.06	14.8 58.6	9.0 48.2	197.5
June	2.06	17.3 63.1	11.2 52.2	265.1
July	5.41	20.8 69.4	14.2 57.6	205.1
August	3.71	19.9 67.8	13.9 57.02	185.3
September	0.37	18.3 64.9	13.0 56.0	169.1
October	0.43	16.8 62.2	10.9 51.6	135.8
November	6.26	10.1 50.2	5.0 41.0	70.4
December	2.34	5.4 41.7	1.9 35.4	25.0
Total	31.97	-	-	*1591.4
1968 Total	24.98	-	-	*1390.3

* Deal figure not available - figures quoted are those of nearest recording station.

DEAL PORT HEALTH AUTHORITY

The trade of the Port comprised pleasure trips to the continent on one vessel (213 tons net). 1,389 passengers were landed.

No ship was reported as having, or having had during the voyage, infectious disease on board.